

Natural Gas Analysis Report

AKM Measurement Services

Sample Information

	Sample Information
Sample Name	LONGVIEW FEDERAL 31-1H (62430095)
Sample Date	5-8-17
Meter ID	62430095
Technician Name	KGROVES
Lab Technician	KGROVES
Method Name	AKM.met
Injection Date	2017-05-08 07:15:49

Component Results

Component Name	Raw Amount	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	3.7740	3.7229	0.000	
Methane	77.9310	76.8755	0.000	
CO2	3.3590	3.3135	0.000	
Ethane	9.7510	9.6189	2.580	
H2S	0.0001	0.0001	0.000	
Propane	4.2080	4.1510	1.147	
iso-Butane	1.1110	1.0960	0.360	
n-Butane	0.4710	0.4646	0.147	
iso-Pentane	0.2430	0.2397	0.088	
n-Pentane	0.2700	0.2663	0.097	
Hexanes Plus	0.2550	0.2515	0.109	
Water	0.0000	0.0000	0.000	
Total:	101.3731	100.0000	4.528	

Results Summary

Result	Dry	Sat.	
Total Raw Amount	101.3731		
Pressure Base (psia)	14.730		
Flowing Temperature (Deg. F)	68.0		
Flowing Pressure (psia)	182.0		
Gross Heating Value (BTU / Real cu.ft.)	1141.3	1121.9	
Relative Density (G), Real	0.7293	0.7277	
Total GPM	4.528	4.550	
Total Molecular Weight	21.063	21.010	

District I

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District II

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District III

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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 41444

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 41444
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.297 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

Unregistered Facility Site

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	LONGVIEW FEDERAL 31 #1H
Facility Type	Flare Stack - (FS)

Equipment Involved

Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	10
Carbon Dioxide (CO2) percentage, if greater than one percent	3
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)

Date venting or flaring was discovered or commenced	08/07/2021
Time venting or flaring was discovered or commenced	10:45 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	08/07/2021
Time venting or flaring was terminated	11:15 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	1
Longest duration of cumulative hours within any 24-hour period during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Gas Compressor Station Natural Gas Flared Spilled: 123 Mcf Recovered: 0 Mcf Lost: 123 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity

Was or is this venting or flaring a result of downstream activity	Yes
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	False
Please explain reason for why this event was beyond your operator's control	Not answered.
Steps taken to limit the duration and magnitude of venting or flaring	Gas compressor station down.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Gas compressor station down.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	8/11/2021